

<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/687,767	YOON, DONG-JIN	
	<b>Examiner</b>	<b>Art Unit</b>	
	Charles Chow	2618	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 9/5/2006.
2. ☒ The allowed claim(s) is/are 1-3,5,6,9,11-19 and 21-23.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |  |  |
|--|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application                      |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br>Paper No./Mail Date _____    | 7. <input type="checkbox"/> Examiner's Amendment/Comment                               |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance   |
|  | 9. <input type="checkbox"/> Other _____.   |

### Detailed Action

1. This office action is for amendment received on 9/5/2006.

### Allowable Subject Matter

2. The following is an examiner's statement of reasons for allowance:

Claims 1-3, 5-6, 9, 11-19, 21-23 are allowable over the prior art of record. The prior arts fail to teach the allowable features, singly, particularly, or in combination.

Applicant has amended independent claims 1, 5, 9, 18 with argument [pages 10-15 of applicant amendment ] having allowable features for the

**Voice Guiding through Speakerphone** from user to **Search calling party's information** for the control means for Setting a Secret calling mode for switching a call path from a speakerphone to an earphone in response to a voice command from the user, of the hands-free function of a mobile communication terminal.

The dependent claims are also allowable due to their dependency upon the independent claim and comprising additional claimed features associated to the features of the independent claims.

The closest prior art **Son et al. (US 6,212,408 B1)** teaches the processor 104, 504 & software for controlling the operation of a wireless mobile device 100 for setting up call mode based on voice command [Fig. 8, col. 5, lines 14-18 & col. 17, lines 4-10, col. 15, lines 37-45], but fails to teach the **Voice Guiding through Speakerphone** from user for the **Searching of calling party's information** for the control means for Setting a secret calling mode for switching a call path from a speakerphone to an earphone in response to a voice command from the user.

**Borth et al. (US 4,737,976)** teaches the voice command for redial to search directory having stored phone number [Fig. 3, col. 4, lines 2-10 & col. 5, lines 34-45], but fail to teach

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the **Setting a Secret calling mode for switching a call path from a speakerphone to an earphone in response to a voice command from the user.**

Other prior arts in below were also considered, but they fail to teach the above allowable features.

**Core et al. (US 5,826,187)** teaches the step for switching 62D to speakerphone first & then loop back to talk mode 62B for connecting audio to earpiece at step 110, to route audio to earpiece 50A [Fig. 2-3, col. 5, lines 30-42], but fails to teach the Voice guiding search, the user command to **Set a secret calling mode for switching a call path from a speakerphone to an earphone.**

**Beith et al. (US 6,449,496 B1)** teaches the voice recognizer VR for search user name in the phonebook for dialing out, col. 3, lines 7-25 & steps 354, 356 in Fig. 7A].

**Shimada (US 5,222,121)** teaches the verifying of the next telephone number with voice guiding, col. 6, line 55 to col. 7, line 21].

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### Conclusion

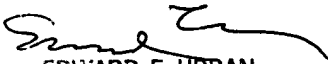
3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Charles Chow whose telephone number is (571) 272-7889. The examiner can normally be reached on 8:00am-5:30pm. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Urban can be reached on (571) 272-7899. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300. Information regarding the status of an application

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may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Charles Chow *CC*

September 24, 2006.

  
EDWARD F. URBAN  
SUPERVISORY PATENT EXAMINER  
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